

KPJ Automation - Imported Range: Quick Spec & Wiring Guide

This guide covers KPJ Automation's imported maker/electronics range. Every item is **imported to order** (ships in 10-20 working days, rush available). Specs below are for the standard part each module is built to; a link to the full manufacturer manual/datasheet is on each product page at kpjautomation.co.za. Questions or bulk pricing: WhatsApp 067 630 5732.

DIN-Rail Power Supplies (24V DC)

DIN-Rail PSU 24V 60W (DR-60-24)

Specs: 100-240V AC in; 24V DC 2.5A / 60W out; DIN TS35 mount; OLP/OVP; -20 to +60 C.

Manual/datasheet: [Mean Well DR-60 spec \(meanwell.com\)](http://meanwell.com)

DIN-Rail PSU 24V 100W (MDR-100-24)

Specs: 100-240V AC in; 24V DC ~4.5A / 100W; slim metal DIN housing.

Manual/datasheet: [Mean Well MDR-100 spec](#)

DIN-Rail PSU 24V 120W 5A (NDR-120-24)

Specs: 100-240V AC in; 24V DC 5A / 120W; ultra-thin DIN metal shell; adjustable.

Manual/datasheet: [Mean Well NDR-120 spec](#)

DIN-Rail PSU 24V 240W 10A (NDR-240-24)

Specs: 100-240V AC in; 24V DC 10A / 240W; DIN mount; adjustable output.

Manual/datasheet: [Mean Well NDR-240 spec](#)

DIN-Rail PSU 24V 75W Slim (HDR series)

Specs: AC to DC 24V, slim step-shape DIN unit ~75W. Reference: Mean Well HDR-100.

Manual/datasheet: [Mean Well HDR-100 spec](#)

Solid State Relays (SSR)

SSR-40DA 40A DC-AC + heatsink

Specs: Input 3-32V DC; load 24-380V AC; 40A; zero-cross; isolation 4kVrms.

Manual/datasheet: [Fotek SSR-40DA datasheet](#)

Single-Phase SSR DC-AC (to 60A)

Specs: DC control / AC load; ratings to 60A; panel or DIN mount.

Manual/datasheet: [Fotek SSR-DA datasheet](#)

Three-Phase SSR 40A (TSR-40DA)

Specs: 3-32V DC control; 3-phase AC load; 40A; motors/heaters.

Manual/datasheet: [Fotek SSR / TSR datasheet](#)

DIN-Rail SSR 25A

Specs: 25A; DC control / AC load; DIN clip-in housing.

Manual/datasheet: [Fotek SSR-DA datasheet](#)

PID Temperature Controllers

REX-C100 PID kit (+ 40A SSR + K probe)

Specs: 0-400 C; SSR (voltage-pulse) output; K-type input; 85-265V AC; PID + auto-tune.

Manual/datasheet: [Finglai REX-C series manual](#)

REX-C100 PID set (+ 40DA SSR + K probe + heatsink)

Specs: REX-C100 thermostat; SSR output; K-type; ready-to-wire.

Manual/datasheet: [Finglai REX-C series manual](#)

REX-C700 PID controller

Specs: 72x72 panel; universal/K-type input; relay/SSR output; PID + auto-tune.

Manual/datasheet: [Finglai REX-C series manual](#)

DC-DC Buck Converters

LM2596 adjustable buck + display

Specs: 3-40V in to 1.5-35V out; ~2-3A; voltmeter display.

Manual/datasheet: [TI LM2596 datasheet](#)

400W CC/CV buck 6-55V to 0-50V 8A

Specs: Constant voltage/current; 8.1A; volt/amp meter; lab & charging.

Manual/datasheet: Module label + this guide

600W buck 12-75V 1-25A CC/CV

Specs: High-power adjustable regulator; CV/CC; up to 25A / 600W.

Manual/datasheet: Module label + this guide

XYS3580 buck-boost 0.6-36V 5A CC/CV

Specs: Buck-boost lab module; 0.6-36V; 5A; CC/CV; LCD.

Manual/datasheet: Module label + this guide

Inductive Proximity Sensors

Proximity Sensor M12 NPN/PNP (LJ12A3-4-Z)

Specs: M12; 4mm sensing; NPN & PNP; 10-30V DC; 3-wire (brown V+, black signal, blue GND).

Manual/datasheet: [LJ12A3-4 datasheet](#)

Proximity Sensor Range M8-M30 NPN/PNP

Specs: M8/M12/M18/M30; NO/NC; 6-36V DC; 3-wire.

Manual/datasheet: [LJ12A3 series datasheet](#)

Proximity Switch LJ12A3 NPN/PNP AC/DC 2-4mm

Specs: 2-4mm sensing; NPN/PNP; DC 12-24V or AC 90-220V versions.

Manual/datasheet: [LJ12A3 series datasheet](#)

Long-Range Proximity Sensor M12 4/8mm

Specs: M12 flush/non-flush 4-8mm; NPN/PNP NO/NC; 10-30V DC.

Manual/datasheet: [LJ12A3 series datasheet](#)